



Lake Creek Watershed Flood Mitigation PROJECTS UPDATE



March 2015

Recent Accomplishments

- ✓ The design team evaluated hydrology and hydraulic models, utility conflicts, and preliminary environmental information to identify preferred alignments and heights for Dams 101 and 102. These preferred alignments will be discussed and confirmed with the property owner.
- ✓ Due to the increasing requests for information, the City developed a project webpage to ensure convenient access to up-to-date project information. www.roundrocktexas.gov/lakecreek

Current Activities

COORDINATION & FUNDING

- The City and consultant team discussed the most likely grant funding options for the Dam 101 project, and are working to further understand the regulatory and scheduling impacts of each potential funding source (NRCS, FEMA, etc.) as well as the potential benefits.

DESIGN & PERMITTING

- Consultants are finalizing field efforts to identify any potential habitat for endangered birds at the Dam 102 site. The team is also prioritizing follow-up environmental investigations at both the Dams 101 and 102 sites.
- Consultants and staff are prioritizing next key steps including geotechnical borings at both sites that will assist in finalizing the preferred alignments and determining preliminary foundation design. The foundation design is a vital component for refined construction cost estimates.
- Consultants are finalizing preferred spillway design that will meet the ideal hydraulic function while minimizing cost.

Next Major Milestones

COMBINED EFFORT

- Report issued regarding preliminary geologic assessment findings and recommendations. (April 2015)
- Discussions with property owners regarding project status, preliminary findings, and refined concepts for Dams 101 and 102. (May 2015)

DAM 101

- Project goal is to start preliminary design by summer 2015.

DAM 102

- Project goal is to start preliminary design by spring 2015.

Project Managers

Dam 101

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Dam 102

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